

PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY

To:
BIRCH, STEWART, KOLASCH & BIRCH LLP
Attn. HELLWEGE, James W.
P.O. Box 747
Falls Church, VA 22040-0747
UNITED STATES OF AMERICA

Docketed

11-03-03

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

Applicant's or agent's file reference

3900-0152FPC

Date of mailing
(day/month/year)

23/09/2003

PAYMENT DUE

within **45** ~~xxxx~~ days/days
from the above date of mailing

International application No.

PCT/US 02/40863

International filing date
(day/month/year)

23/12/2002

Applicant

ADHESIVES RESEARCH, INC.

1. This International Searching Authority

- (i) considers that there are 2 (number of) inventions claimed in the international application covered by the claims indicated ~~below~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~below~~ on the extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

1-18

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:

EUR 945,00 x 1 = EUR 945,00
Fee per additional invention number of additional inventions total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Anne Henningsen

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-18

A method of forming a veneer assembly comprising the steps of: a) aligning an edge of a first veneer piece adjacent an edge of a second veneer piece to form a junction, b) positioning a layer of adhesive along a bottom surface of said veneer pieces and along said junction, c) placing said veneer assembly against a substrate, and d) bonding said pieces of veneer under conditions of elevated temperature and pressure. The thickness of the adhesive layer ranges together with any backing layer from about 0.0003 to 0.005 inches.

2. Claims: 19-33

A thermocurable pressure-sensitive adhesive composition comprising: a pressure-sensitive adhesive, a reactive unsaturated polyester resin and a polymer having a $T_g > 50^\circ\text{C}$ comprising the polymerization reaction product of the following monomers: (1) an alkyl(meth)acrylate monomer having a $T_g > 20^\circ\text{C}$; (2) a C(1-30) (meth) acrylate monomer; (3) a nitrogen-containing polar monomer; and (4) a polymerizable epoxy-containing monomer, said monomers being present in an amount such that the T_g of said copolymer is greater than 50°C . Furthermore, an adhesive tape comprising this composition.

Independent claims 1, 19 and 33 have as common concept only an adhesive. Since this single general concept is widely known in the art, it cannot be the single general inventive concept required to be present by Article 3(4)(iii) and Rule 13.1 PCT. When considering the whole set of claims in the light of the description, no further technical features could be identified which could serve as same or corresponding technical features in the sense of Rule 13.2 PCT to restore unity of invention.

The invention first mentioned in the claims (claims 1-18; subject 1. as identified above) has been subject of a complete search. Subject 2. as defined above is not mutually linked by a further general inventive concept and searching this subject requires a major search effort.

**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No
PCT/US 02/40863

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- 1-18**
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 12 01 031 B (BARTELS WERKE G M B H) 16 September 1965 (1965-09-16) examples 1,2 ---	1,2,17, 18
Y	US 2 412 693 A (PIERSON GORDON G) 17 December 1946 (1946-12-17) column 3, line 5 - column 4, line 9 figures 2,3 column 4, line 31 - line 43 column 1, line 36 - line 43 ---	1,2,17, 18
Y	US 6 048 431 A (BOLITSKY ROBERT E ET AL) 11 April 2000 (2000-04-11) cited in the application column 4, line 40 - line 42 column 5, line 1 - line 5 column 9, line 6 - line 11 example 1 -----	1,2,17, 18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Patent Family Annex

Information on patent family members

International Application No

PCT/US 02/40863

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1201031	B	16-09-1965	AT 278338 B	26-01-1970
			BE 662425 A	
			CH 472949 A	31-05-1969
			DK 108651 C	22-01-1968
			FR 1429224 A	18-02-1966
			GB 1101515 A	31-01-1968
			NL 6504523 A	14-10-1965

US 2412693	A	17-12-1946	NONE	

US 6048431	A	11-04-2000	AU 4746597 A	21-12-1998
			DE 69714305 D1	29-08-2002
			DE 69714305 T2	27-03-2003
			EP 1007303 A1	14-06-2000
			WO 9855280 A1	10-12-1998
